OM1300 Operations Manager
with Smart Out-of-Band Management

The compact OM1300 appliance is purpose-built for secure edge deployments – working seamlessly with Lighthouse Management Software. By combining *Smart* OOB™ access with integrated switch ports for connecting servers, firewalls, and other critical equipment, it delivers a simplified, resilient platform that supports modern network management and automation at remote sites.

- Managed networking with VLAN and Routing support
- IP based device management with *Smart* OOB™
- 4GB LPDDR4 memory / 32GB eMMC storage
- TPM 2.0 embedded physical security
- 4 port Serial and 4 port Ethernet management OR 8 port Serial and 8 port Ethernet management

Console Specifications

Serial Ports	• **OM1304-4E:** 4 x RJ45 RS232 Software Selectable Straight or Rollover Pinout • **OM1308-8E:** 8 x RJ45 RS232 Software Selectable Straight or Rollover Pinout

Interfaces

Network Ports	2 x combo ports - RJ45 100BASE-TX/1000 BASE-T or SFP
Managed Switch Ports	4 x Managed 10/100/1000 Base-T switched Ethernet Ports
Local Console Port	1 x USB-C Console Port - X2 Pinout, default baud rate 9600/8N1
Managed Serial Ports	RJ45, RS-232, Software Selectable Pinout, baud rate of 50 to 115,200 bps
USB Ports	2 x USB 3.0 ports (for mass-storage, device console management)
Remote Access	Dual Ethernet, aggregation & redundancy, Automatic Network Failover, Easy browser UI, IPv6
Console Management	• Local WebUI has built-in web terminal for CLI access • IP alias for serial port console connections • Support for console event and keystroke logging • Alert on text pattern match • Multiple concurrent sessions • Centralized access to all serial managed devices from Lighthouse software

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Power Requirements

Power Input	Dual Power inputs, second available as redundancy
Power Adapter	1x Universal 110-240V AC to 12V DC external power adapter IEC 62368, UL, CB, DoE, VI, PSE, LPS certified
Power Consumption	Less than 32W (110 BTU/h)
Cooling	Passive Cooling - can be forward or reverse mounted

Physical Dimensions

Dimensions and Weight	8.66" x 7" x 1.75" - 2.7 lbs, 220 x 177 x 44 mm - 1.45 kg
Form Factor	Compact - SFF 1RU half-rack width

Memory and CPU

CPU	1.6 GHz Quad-Core ARM Cortex-A53 SoC
Memory	4GB LPDDR4 SDRAM
Storage	32GB eMMC

Environmental

Operating Temperature	-25°C to 60°C, -13°F to 140°F
Storage Temperature	-40°C to +75°C, -40°F to +167°F
Humidity	5% to 90% (non-condensing)
Environmental Monitoring	Built-in temperature sensor

Security, Encryption & Authentication

- TACACS+, RADIUS, Active Directory/OpenLDAP, with local fallback
- IPSec and OpenVPN
- FIPS 140-2 compliant
- Trusted Platform Module 2.0

Automation & Scalability

- ZTP
- Ansible
- API based OS
- Docker support

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Automation & Scalability

- Python and Ruby
- SNMP-Standard [MIBs](#)

Certifications

Cyber Security	EN 18031-1:2024, EN 18031-2:2024, EN 18031-3:2024
Emissions	EN55032:2015+A11:2020, IEC 61000-3-2: 2018+A2:2024, EN 61000-3-2:2019+A2:2024, IEC 61000-3-3:2013+A2:2021, EN 61000-3-3:2013+A2:2021, 47 CFR Parts: 15B, ICES-003 Issue 7
Immunity	EN 55035:2017+A11:2020
MTBF	683,385 Hours
Other Agency Approvals	KS C 9832:2024, KS C 9835:2024, AS/NZ CISPR 32:2015+A1:2020, VCCI-CISPR 32:2016, CISPR 32:2015+A1:2019, CNS 15936:2016
RoHS	EN 63000:2018
Safety	IEC 62368-1:2018, IEC 62368-1:2014, IEC 62368-1:2023

Warranty

5 years hardware replacement included. Appliance requires a minimum of 1 year Foundation Support at the time of purchase.
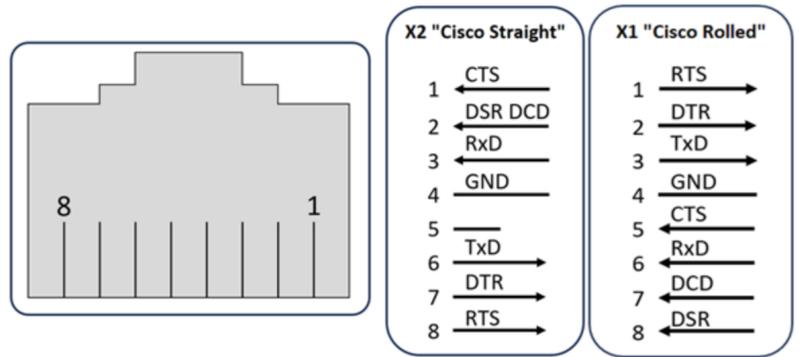
Available Models

Model	Description
OM1304-4E	4 x RS232 RJ45 Software Selectable Pinout, 4x RJ45 Ethernet Switch Ports, 2x 1GbE SFP, 2x 1GbE, ARM 1.6GHz 4-core, 4GB LPDDR4, 32GB flash, TPM 2.0, Single AC
OM1308-8E	8 x RS232 RJ45 Software Selectable Pinout, 8x RJ45 Ethernet Switch Ports, 2x 1GbE SFP, 2x 1GbE, ARM 1.6GHz 4-core, 4GB LPDDR4, 32GB flash, TPM 2.0, Single AC

Package Checklist

Opengear Pinout

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- Operations Manager OM130X
- Rack Mount Kit (Part# 590054)
- C14 Power Cable (Part# 440055)
- A/C Power Brick (Part# 450047)

Optional Accessories

Part Number	Description
319014	Adapter - DB9F to RJ45 straight serial - DCE -For X2 Pinout
319015	Adapter - DB9F to RJ45 crossover serial - DTE -For X2 Pinout
319016	Adapter - DB9M to RJ45 straight serial - DCE -For X2 Pinout
440081	Cable - Straight through CAT6 High Temperature - 5' length
590054	Rack Mount Kit - Ears and Screw
590059	Rack Tray Kit - Convert to 1RU full-rack width
450050	External 60W DC Power Supply Kit, 18-72V DC Universal input, 12V DC output locking barrel connector - IEC 62368
450047	External 65W AC Power Adapter, IEC-C14 inlet, 12V DC output locking barrel connector - IEC 62368

Warranty

Part Number	Description
Included	5 year standard warranty
Select one of the following to include with the appliance:	
OG-FNTS-OM1300-1YR	1 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-2YR	2 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-3YR	3 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-FNTS-OM1300-5YR	5 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced

Part Number	Description
	Replacement
OG-FNTS-OM1300-7YR	7 year Foundation Support for OM1300 - 8x5 Regional Support with Advanced Replacement
OG-PRTS-1YR	1 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-2YR	2 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-3YR	3 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-5YR	5 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements
OG-PRTS-7YR	7 year Premium Support - Access to Premium Resources 24x7 and Advanced Replacements